

## Müse Programming Guidelines for METIman

This card is intended to help you select Müse conditions to achieve desired vital signs within each programmed state. All four conditions should be programmed into each state in the order presented below.

The Müse software is physiologically driven. When using multiple conditions (eg., Hypertension + Desaturation + Tachycardia + Tachypnea) the Physiological Baroreceptors cause compensatory changes within parameters. To achieve the desired vital sign, select one condition level, above (greater) or below (less), to achieve the desired physiological effect.

### 1. Blood Pressure

Hypertension		Hypotension	
METIman Base	110s/50s	Elevated Base	120s/60s
Standard Base	120s/60s	METIman Base	110s/50s
Elevated Base	130s/70s	Decreased Base	100s/50s
Borderline	140s/80s	Borderline	90s/40s
Mild	150s/90s	Mild	80s/40s
Moderate	160s/100s	Moderate	70s/30s
Severe	170s/110s	Severe	60s/30s
Profound	180s/110s	Profound	50s/30s
Extreme	>210/>120		

### 2. Desaturation

Desaturation	Room Air	4LPM	6LPM	100%
METIman Base	98%	98%	99%	100%
Borderline	95%	96%	98%	98%
Mild	90%	92%	94%	96%
Moderate	85%	90%	92%	94%
Severe	80%	85%	90%	92%
Profound	<79%	82%	84%	86%

**3. Heart Rate**

Tachycardia		Bradycardia	
METIman Base	70s	Elevated Base	80s
Elevated Base	80s	METIman Base	70s
Borderline	90s	Borderline	60s
Mild	100s	Mild	50s
Moderate	110s	Moderate	Upper 40s
Severe	120s	Severe	Lower 40s
Profound	150s	Profound	30s
Extreme	>170s		

**4. Respiratory Rate**

Tachypnea		Bradypnea	
METIman Base	11-14	METIman Base	11-14
Borderline	16-18	Mild	10-8
Mild	22-24	Moderate	8-6
Moderate	26-28	Severe	6-4
Severe	32-34	Profound	5-3
Profound	36-38		